**DOCKET NO.:** MSFT-2859/306238.01 **PATENT** 

**Application No.:** 10/743,153 **Office Action Dated:** 05/12/2008

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:** 

1. (Previously presented) A computer-implemented method for integrity checking of

full-text indexes via executable software component consistency checking, comprising:

generating a list of executable software components used to build a full-text index, the

list comprising at least one component list entry, the at least one component list entry

comprising a version of an executable software component used to build the full-text index;

comparing the at least one component list entry with a registry of executable software

components, the registry comprising at least one registry entry, the at least one registry entry

comprising a version of an executable software component available for execution; and

if it is determined based on said comparing that the version of the executable software

component used to build the full-text index and the version of the executable software

component available for execution do not match, generating an error and reporting the error

to a user.

2. (Canceled)

3. (Previously presented) The method of claim 1, further comprising aborting mounting

of the full-text index.

4. (Previously presented) The method of claim 1, wherein the executable software

component used to build a full-text index comprises a wordbreaker.

5. (Previously presented) The method of claim 1, wherein the executable software

component used to build a full-text index comprises a protocol component.

6. (Previously presented) The method of claim 1, wherein the executable software

component used to build a full-text index comprises a stemmer.

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7. (Previously presented) The method of claim 1, wherein the executable software component used to build a full-text index comprises a filter.

8. (Previously presented) The method of claim 1, wherein the executable software component used to build a full-text index comprises a plug-in.

9. (Previously presented) The method of claim 1, wherein the executable software component used to build a full-text index comprises an auto-categorizer.

10. (Original) The method of claim 1, further comprising maintaining a list of compatible versions of the at least one component list entry, such that in response to determining that the at least one registry entry is included within the list of compatible versions, an error is not generated.

11. (Previously presented) A computer-implemented method for building a full-text index comprising:

generating a list associated with a full-text index, the list comprising at least one executable software component and a version of the at least one executable software component, the at least one executable software component used to build the full-text index;

determining based on the list whether the version of said at least one executable software component in said list is available; and

if the version of said at least one executable software component in said list is not available, then re-generating the full-text index using an available version of said at least one executable software component.

12. (Previously presented) The method of claim 11, wherein the list comprises a filename component of a full path for the at least one executable software component.

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13. (Previously presented) The method of claim 11, wherein the list comprises a full path

of the at least one executable software component.

14. (Original) The method of claim 11, wherein the list comprises a creation time of the

full-text index.

15. (Original) The method of claim 11, wherein the list comprises a last write time of the

full-text index.

16. (Original) The method of claim 11, wherein the list comprises a manufacturer name.

17. (Previously presented) The method of claim 11, wherein the list comprises a class id

of the at least one executable software component.

18. (Previously presented) The method of claim 11, wherein the version of the at least one

executable software component is associated with a list of compatible versions.

19. (Previously presented) The method of claim 18, wherein in response to determining

that the version of the at least one executable software component in the list and a version of

the at least one executable software component in a registry of component versions available

for execution are incompatible, an error is generated.

20. (Currently amended) A computer system for checking the consistency of executable

software components used to build a full-text index and components used to query the full-

text index, comprising:

a processor that executes an application that enables a user to query the full text index;

a memory that stores:

a first list of executable software components used to build the full-text index, the first

list comprising at least one build component and a version associated with the at least

one build component; and

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a second list of components used to query the full-text index, the second list comprising at least one query component and a version associated with the at least

one query component; and

a processor on which is executing a full-text indexing and search engine that generates the first list and the second list and that accesses the first list and the second list to check the consistency of executable software components used to build the full-text index and components used to query the full-text index.

21. (Previously presented) The system of claim 20, further comprising a list of compatible executable software component versions.

22. (Original) The system of claim 20, wherein the at least one build component is a wordbreaker, filter, stemmer, protocol component, auto-categorizer or plug-in.

23. (Original) The system of claim 20, wherein the at least one query component is a wordbreaker or stemmer.

24. (Previously presented) A computer-readable storage medium comprising computer-executable instructions for:

generating a list of executable software components used to build a full-text index, the list comprising at least one entry, the at least one entry comprising a version of an executable software component; and

comparing the at least one entry in the list of executable software components with entries in a registry of versions of executable software components available for execution; and

if it is determined based on said comparing that the version of the executable software component used to build the full-text index and a version of the executable software component available for execution do not match, generating an error and reporting the error to a user.

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25. (Canceled)